HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200208459-1

IN THE U.S. PATENT AND TRADEMARK OFFICE
Patent Application Transmittal Letter

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

03917 U.S. PTO
10/682344
100903

Sir:

Transmitted herewith for filing under 37 CFR 1.53(b) is a(n): (X) Utility ( ) Design
(X) original patent application,
( ) continuation-in-part application

INVENTOR(S): **Randy K. Rannow et al.**

TITLE: **MULTIPLEXED DUAL-PURPOSE MAGNETORESISTIVE SENSOR AND METHOD OF MEASURING CURRENT AND TEMPERATURE**

Enclosed are:

(X) The Declaration and Power of Attorney. (X) signed ( ) unsigned or partially signed

(X) 3 sheets of drawings (one set) ( ) Associate Power of Attorney

( ) Form PTO-1449 (X) Information Disclosure Statement and Form PTO-1449

( ) Priority document(s) ( ) (Other)_____ (fee $_____)

CLAIMS AS FILED BY OTHER THAN A SMALL ENTITY				
(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA	(4) RATE	(5) TOTALS
TOTAL CLAIMS	23 — 20	3	X $18	$ 54
INDEPENDENT CLAIMS	6 — 3	3	X $84	$ 252
ANY MULTIPLE DEPENDENT CLAIMS	0		$280	$ 0
BASIC FEE: Design ($330.00); Utility ($750.00)				$ 750
TOTAL FILING FEE				$ 1,056
OTHER FEES				$
TOTAL CHARGES TO DEPOSIT ACCOUNT				$ 1,056

Charge $ 1,056 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16 through 1.21 inclusive, and any other sections in Title 37 of the Code of Federal Regulations that may regulate fees. A duplicate copy of this sheet is enclosed.

"Express Mail" label no. EO 901 736 290 US

Date of Deposit Oct. 9, 2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA 22313-1450.

By _____

Typed Name: **J. Michael Johnson**

Respectfully submitted,

Randy K. Rannow et al.

By _____

J. Michael Johnson

Attorney/Agent for Applicant(s)
Reg. No. **37,856**
Date: **Oct. 9, 2003**

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